

Fluke 1660 Series Multifunction Installation Testers

Product Announcement

June, 2016

The Fluke 1662, 1663 and 1664 FC will replace the existing 1650 Series. No new orders for the Fluke 1650 Series Testers will be accepted after Friday 29 July 2016.

The new Fluke 1660 Series Installation Testers are the only installation testers that help prevent damage to connected appliances. The Fluke 1660 Series put more power in user's hands by:

- Quickly and efficiently testing to all local regulations
- Protecting appliances that may be inadvertently connected to the system under test
- Making it easy to share test results over your smartphone
- Performing 8 key tests with one button press, reducing test time up to 40%



The Product Family:

Fluke 1664 FC/FVF AU

The Fluke 1664 FC is the only installation tester that helps prevent damage to connected appliances, and allows users to wirelessly share results from the field.

Fluke 1663/FVF

Ideal for professional users – high-end functionality, advanced measurement capability, yet still easy to use. Operation is intuitive and easily mastered by all levels of field workers.

Fluke 1662 AU

A solid, basic installation tester The Fluke 1662 gives you Fluke reliability, simple operation and all the testing power you need for basic installation testing.

What makes the 1660 Series better?

Insulation PreTest

Protect the installation. Avoid costly mistakes.

The Fluke 1664 FC Installation Tester is the only installation tester with “Insulation PreTest,” which warns you from making potentially serious and costly mistakes. If the tester detects that an appliance is connected to the system under test, it will stop the insulation test and provide a visual warning. This helps eliminate accidental damage to peripheral equipment and keeps your customers happy.

Fluke Connect®, ShareLive™ Calling and FlukeCloud™ Storage
ShareLive™ Video Calls
Share from anywhere.

Stay on the same page even when you and your team are in different places, with ShareLive™ video call.

Fluke Connect® compatibility allows your 1664 FC Installation Tester to send test results to your smartphone so you can connect and collaborate with others. It's the fastest way to let your team see what you see, helping you get approvals without leaving the field.

FlukeCloud™ Storage

Retrieve stored results from anywhere. FlukeCloud storage allows you to retrieve stored results whether you are in the office or in the field to make decisions in real-time.

Faster, easier testing with Auto Test

Auto Test does all required installation tests in one sequence, ensuring compliance with local installation regulations. It reduces the number of manual connections, decreases the possibility of making errors and reduces test time up to 40% from previous Fluke models.

- 1. Insulation PreTest
 - 2. Fluke Connect Compatibility and
 - 3. Auto Test
- are the three standout capabilities of this new family of testers.**

Insulation PreTest keeps the user from making expensive mistakes. ShareLive™ calling allows communication of test results while the user is in the field. FlukeCloud storage records results without mistakes. Auto Test makes installation testing faster and reduces errors.

Fluke Australia **now includes** the FlukeView Forms documenting software with the 1663 and 1664 FC units. These two units can no longer be purchased as units alone and will only be sold as kits with the software as standard.



Target Audience:

WHO USES THEM?	WHAT ARE THEY USED FOR?
<ul style="list-style-type: none">• Residential Commercial Electricians• Electrical Contractors working to European Electrical Regulations. (17th edition testing)• Industrial/institutional Electricians and Facility Maintenance staff. (Installation Commissioning)	Certifying electrical installations and retrofits in various location such as residential, commercial and industrial environments.
WHAT ARE THEY USED ON?	WHERE ARE THEY USED?
Electrical Installations	<ul style="list-style-type: none">• Commercial buildings• Institutional buildings• Industrial• Residential

Competition - and how to beat them?

Strong European players include Megger, Metrel, Kewtech and GMC. Other regional players include Chauvin-Arnoux, HT-Instruments, Sonel and Benning. None of these manufacturers offers Insulation PreTest. Users can accidentally damage customer property.

Documentation is a strong point of our competitors. This is what they are stressing to customers. FlukeCloud™ Storage will give you a counter argument. With FlukeCloud Storage the user can store and transfer measurement data back to the office for processing and report creation in combination with Fluke-DMS.

Basic Product Specifications:

FEATURES BY MODEL	1662	1663	1664 FC
MEASUREMENT FUNCTIONS			
Insulation-PreTest™ safety function NEW			▪
Insulation at L-N, N-PE inputs NEW			▪
Automatic test sequence NEW			▪
Loop & Line Resistance—mΩ resolution			▪
Continuity at L-N, N-PE inputs NEW		▪	▪
Test smooth DC sensitive RCDs (Type B)		▪	▪
Earth Resistance		▪	▪
Voltage & Frequency	▪	▪	▪
Wiring polarity checker, detects broken N wires	▪	▪	▪
Insulation Resistance	▪	▪	▪
Continuity & Resistance	▪	▪	▪
Measure motor windings with continuity test	▪	▪	▪
Loop & Line Resistance	▪	▪	▪
Prospective Earth Fault Current (PEFC/IK)	▪	▪	▪
Prospective Short-Circuit current (PSC/IK)	▪	▪	▪
RCD switching time	▪	▪	▪
RCD tripping level (ramp test)	▪	▪	▪
Measures Trip time & current for RCD type A & AC in one test	▪	▪	▪
RCD variable current	▪	▪	▪
Automatic RCD test sequence	▪	▪	▪
Phase Sequence Indicator	▪	▪	▪
OTHER FEATURES			
Fluke Connect compatibility NEW			▪
ShareLive™ Calling NEW			▪
FlukeCloud™ Storage NEW			▪
On/Off switchable Auto-start for RCD & Looptest NEW	▪	▪	▪
Self-test	▪	▪	▪
Illuminated Display	▪	▪	▪
MEMORY, INTERFACE			
Z Max Memory NEW		▪	▪
FlukeView Forms Software inclusion		▪	▪
Computer Interface (when used with optional FlukeView & Fluke DMS software)	▪	▪	▪
Time and date (when used with optional FlukeView software)	▪	▪	▪
INCLUDED ACCESSORIES			
Heavy duty, single input line cord NEW	▪	▪	▪
Remote control probe and Zero Adapter	▪	▪	▪

Conversion Guide:

The Fluke 1662, 1663 and 1664 FC will replace the existing Fluke 1650 Series products. No new orders for Fluke's 1650 Series Testers will be accepted after Friday 29th July 2016.

OLD MODEL	NEW MODEL	FEATURE CHANGES: WHAT'S NEW?
1652C	1662	On/Off switchable Auto-start for RCD & Looptest Heavy duty, single input line cord Computer Interface
1653B	1663/FVF AU	Continuity at L-N, N-PE inputs On/Off switchable Auto-start for RCD & Looptest Z Max Memory Heavy duty, single input line cord FlukeView Forms Software
1654	1664 FC/FVF AU	Insulation-PreTest™ safety function Insulation at L-N, N-PE inputs Automatic test sequence Continuity at L-N, N-PE inputs Fluke Connect compatibility ShareLive™ Calling FlukeCloud™ Storage On/Off switchable Auto-start for RCD & Looptest Z Max Memory Heavy duty, single input line cord FlukeView Forms Software

1663/1664 FC Kits & Why?

Expand the power of the Multifunction installation tester with FlukeView® Forms Documenting Software.

To address the increasing demands for reporting and documentation, Fluke Australia **now includes** FlukeView Forms documenting software with the 1663 and 1664 FC units. Please note, these two units cannot be purchased as units alone and will only be sold as kits with the software as standard.

FlukeView Forms increases the power of your customer's 1660 Series Multifunction Installation Tester by enabling them to document, store and analyse individual readings or series of measurements, then convert them into professional-looking documents.

With the FlukeView Forms software valued at \$485.00 excl. GST (AUD) these bundle packages should be targeted and sold to your customers as being well valued packages that are the complete solution.

Ordering Information

Fluke Oracle Number	Fluke Model Number	Product Description	List Price AUD Excl. GST
4546967	FLK-1662 AU	Installation Tester W/Mem AU	\$1,795.00
4547022	FLK-1663/FVF AU	Installation Tester W/RCD Type B & FlukeView Forms, AU	\$2,795.00
4547079	FLK-1664FC/FVF AU	Fluke Connect Installation Tester W/Insulation Pre-Test & FlukeView Forms, AU	\$3,495.00

Recommended Accessories:

2104706	ES165X	Earth Spike Kit	\$388.00
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Included with Product

6x AA batteries, C1600 hard carrying case, zero adapter, heavy duty mains cord, STD standard test lead set, padded carrying and waist strap, quick reference guide, TP165X remote test probe, user's manual on CD-ROM. FlukeView Forms software included with Fluke 1663 and 1664 FC units only.

Distributor Discount

Standard Discount code: "T" applies

Warranty Period

Three year warranty - Repairs and service provided by Celemetrix Australia

Introduction Schedule

Open for orders: **07.06.2016**

ATP: Fluke 1662 - 2 weeks, Fluke 1663/1664 FC - 4 weeks



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